

flower in general. 9. The calyx and corolla or perianth. 10. The stamens. 11. The pistil. 12. The fruit. 13. The seed. 14. Accessory organs.

II. Classification or Systematic Botany.—1. The classes and sub-classes. 2. Divisions. 3. Natural orders or families. 4. Genera. 5. Species. 6. Varieties.

III. Economic Botany.—Plants yielding 1. Food. 2. Fibre. 3. Dyes. 4. Medicine. 5. Oils. 6. Timber. 7. Starch, &c. 8. Plants of scenic value.

IV. Geographical Botany.—1. Indigenous plants. 2. Foreign plants. 3. Acclimatization of plants.

Text Books.—Lindley's School Botany, Oliver's Indian Botany, Drury's Useful Plants of India, Von Mueller's Select Plants for Extra-Tropical Countries, Balfour's Botany.

VEGETABLE PHYSIOLOGY.

- I. Structure and Growth of the Elementary Tissues.
- II. Arrangement of the Elementary Tissues, or Structure of the Organs of Plants.
- III. Growth of the Organs.
- IV. Functions of the Organs.
- V. Functions of Flowers.
- VI. Influence of Temperature, Electricity and Light on Plants.

PRACTICAL GARDENING.

1. The quality of soils and manures. 2. The rotation of crops. 3. The season of cropping.
4. The propagation of plants. 5. The culture of fruit trees. 6. The culture of vegetables. 7. The culture of flowers, &c.

Text Books.—Lindley's School Botany, Balfour's Botany, Lindley's Theory and Practice of Gardening, Johnson's Science and Practice of Gardening.

By Order,

C. RANGACHARLU,
Revenue Secretary.

PUBLIC WORKS DEPARTMENT.

NOTIFICATION.

The 26th October 1880.

No. 31.—Mr. E. Gramatzki, Executive Engineer, Coorg Division, is granted two months' privilege leave with effect from the date he is relieved by Mr. F. Sharp, Assistant Engineer, who is appointed Officiating Executive Engineer, during the former officer's absence, subject to the confirmation of the Government of India.

By Order,

C. BOWEN, Major, R. E.,
Offg. Secretary, P. W. D.